

All COR ISO Recommendations

Latent Condition, Seismic and ISS

Wednesday, October 03, 2012 2:47:44 PM

Type	Rec #	ABU	Unit	Year (I/R)	LC or ISS Question #	LC Question ISS Question Seismic Area	Observation	Recommendation	Resolution	Duc Date	Assigned To	Status
Latent Condition	585	D&R	PENHEX Plant 40	2009	3-2	Are remote switches for different systems separated by sufficient distance to prevent operation of the wrong system during stressful situations?	Remote switches for Penhex, Reformate Splitter, and #4 Cat are located on one panel. All other plants at D&R have a separate panel.	Concern is that the switches on the panael in the control house for 4Cat, Ref Splitteer and the Penhex are located in close proximity. Consider rearranging switches to make it less ikely that a switch will mistakenly operated	As a result of the 2004 Latent Condition review, the switches For 4 Cat, Penhex and Ref Splitter were rearranged on the panel during the 4 Cat major shutdown in 2006 to provide better separation, identification and reduce the potential for inadvervent ope	3/15/2010	Wilson, Clifford P.	Completed
Latent Condition	597	D&R	PENHEX Plant 40	2009	3-13	Are all equipment labels (e.g., vessels, piping, valves, instrumentation, etc.) easy to read (clear and in good condition)?	In general, equipment labels are easy to read. However, some are becoming faded and less clear.	Survey the labels in the Penhex and Ref splitter plants and replace labels as needed	Per Paul Peterson (PMPE) 9/15/10: Dave Wolden surveyed the plant. On 9/13/10 Crew HO Rick Hayashida and Paul Peterson walked the plant and found that equipment ID, piping manifolds and plot limit were clear and in good condition and no specific locations	9/15/2010	Wolden, David W.	Completed
Latent Condition	598	D&R	PENHEX Plant 40	2009	1-5	Do operators have sufficient knowledge to safely operate or shutdown the unit in emergency situations where they must assume manual control?	Honeywell simulator training is in available, but not widely used.	Concern is that the simulator training is not utilized consistently by all the crews. Consider developing a policy to expand simulator use for trainig of all crews.	Per Paul Peterson (PMPE), 9/13/10: A policy to make the Penhex simulator available for use in the control room has been implemented. Infrastructure is in place to allow for all crews to use the simulator without having to go offsite to Hensley street. A	9/15/2010	Carpenter, Kenneth E.	Completed
Seismic	549	D&R	PENHEX Plant 40	2009		C4510	Missing bolt in pipe clamp (pic 1)	Replace bolt	Replacement competed per recommendation.	9/15/2010	Lee, Gerald W.	Completed
Seismic	550	D&R	PENHEX Plant 40	2009		E4090B	Anchor bolt nuts too high (pic 2)	Run nuts down	Repair completed per recommendation.	9/15/2010	Lee, Gerald W.	Completed
Seismic	551	D&R	PENHEX Plant 40	2009		C4090	Skirt fireproofing cracked	Check skirt for corrosion	Verified no excessive corrosion present.	9/15/2010	Lee, Gerald W.	Completed
Seismic	552	D&R	PENHEX Plant 40	2009		C102	Skirt fireproofing cracked	Check skirt for corrosion	Verified no excessive corrosion present.	9/15/2010	Lee, Gerald W.	Completed
Seismic	553	D&R	PENHEX Plant 40	2009		E4093	Anchor bolt washers too small and thin at southwest corner (pic 3)	Replace with larger and thicker washers	Replacement completed per recommendation.	9/15/2010	Lee, Gerald W.	Completed
Seismic	554	D&R	PENHEX Plant 40	2009		Stairway near R4070	Vertical brace bent (pic 4)	Replace brace	Replaced brace.	9/15/2010	Lee, Gerald W.	Completed
Seismic	555	D&R	PENHEX Plant 40	2009		P4071A	No anchor bolts or grout (pic 5)	Install anchor bolts and grout	Bolt installation and repair completed per recommendation.	9/15/2010	Lee, Gerald W.	Completed